CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/052,942 ENTERED

CRF Processing Date: 2/14/2002
Edited by:
Verified by: (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☑ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: 154

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted..

☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected

_____

_____

_____

"Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

1/95

OIPE

RAW SEQUENCE LISTING DATE: 02/14/2002
PATENT APPLICATION: **US/10/052,942** TIME: 08:26:54

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\02142002\J052942.raw**

PS

5 <110> APPLICANT: Zauderer, Maurice
7 Smith, Ernest
9 Wei, Chungwen
13 <120> TITLE OF INVENTION: Methods of Producing or Identifying Intrabodies in Eukaryotic Cells
17 <130> FILE REFERENCE: 1821.0090004
C--> 20 **<140> CURRENT APPLICATION NUMBER: US/10/052,942**
22 <141> CURRENT FILING DATE: 2002-01-23
25 <150> PRIOR APPLICATION NUMBER: 60/298,095
27 <151> PRIOR FILING DATE: 2001-06-15
31 <150> PRIOR APPLICATION NUMBER: 60/271,422
33 <151> PRIOR FILING DATE: 2001-02-27
37 <150> PRIOR APPLICATION NUMBER: 60/263,200
39 <151> PRIOR FILING DATE: 2001-01-24
43 <150> PRIOR APPLICATION NUMBER: 60/263,225
45 <151> PRIOR FILING DATE: 2001-01-23
49 <160> NUMBER OF SEQ ID NOS: 154
53 <170> SOFTWARE: PatentIn version 3.0
57 <210> SEQ ID NO: 1
59 <211> LENGTH: 15
61 <212> TYPE: PRT
C--> 63 **<213> ORGANISM: Artificial**
67 <220> FEATURE:
69 <223> OTHER INFORMATION: Linker
71 <400> SEQUENCE: 1
73 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
74 1 5 10 15
76 <210> SEQ ID NO: 2
78 <211> LENGTH: 15
80 <212> TYPE: PRT
C--> 82 **<213> ORGANISM: Artificial**
86 <220> FEATURE:
88 <223> OTHER INFORMATION: Linker
90 <400> SEQUENCE: 2
92 Glu Ser Gly Arg Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
93 1 5 10 15
95 <210> SEQ ID NO: 3

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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\J052942.raw

112 1 5 10
114 <210> SEQ ID NO: 4
116 <211> LENGTH: 15
118 <212> TYPE: PRT
C--> 120 <213> ORGANISM: Artificial
124 <220> FEATURE:
126 <223> OTHER INFORMATION: Linker
128 <400> SEQUENCE: 4
130 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser Thr Gln
131 1 5 10 15
[illegible] <210> SEQ ID NO: 5
[illegible] <211> LENGTH: 14
[illegible] <212> TYPE: PRT
C--> 139 <213> ORGANISM: Artificial
143 <220> FEATURE:
145 <223> OTHER INFORMATION: Linker
147 <400> SEQUENCE: 5
149 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
150 1 5 10
152 <210> SEQ ID NO: 6
154 <211> LENGTH: 14
156 <212> TYPE: PRT
C--> 158 <213> ORGANISM: Artificial
162 <220> FEATURE:
164 <223> OTHER INFORMATION: Linker
166 <400> SEQUENCE: 6
168 Gly Ser Thr Ser Gly Ser Gly Lys Ser Ser Glu Gly Lys Gly
169 1 5 10
171 <210> SEQ ID NO: 7
173 <211> LENGTH: 18
175 <212> TYPE: PRT
C--> 177 <213> ORGANISM: Artificial
[illegible] <220> FEATURE
183 <223> OTHER INFORMATION: Linker
185 <400> SEQUENCE: 7
187 Lys Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Gln Phe Arg Ser
188 1 5 10 15
[illegible] Leu Asp
[illegible] <210> SEQ ID NO: 8
[illegible] <211> LENGTH: 16
[illegible] <212> TYPE: PRT
C--> 199 <213> ORGANISM: Artificial
203 <220> FEATURE:
205 <223> OTHER INFORMATION: Linker
207 <400> SEQUENCE: 8
209 Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Phe Arg Ser [illegible]
[illegible] 1 5

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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\J052942.raw

216 <212> TYPE: DNA
C--> 218 <213> ORGANISM: Artificial
222 <220> FEATURE:
224 <223> OTHER INFORMATION: p7.5/ATG3/tk vector
226 <400> SEQUENCE: 9
227 gggcaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgac gtggatcccc 60
229 cgggctgcag gaattcgata tcaagcttat cgataccgtc gacctcgagg gggggcctaa 120
231 gtaactaatt ttgtttttgt gggccccggcc 150
234 <210> SEQ ID NO: 10
236 <211> LENGTH: 7
238 <212> TYPE: PRT
C--> 240 <213> ORGANISM: Artificial
244 <220> FEATURE:
246 <223> OTHER INFORMATION: Signal sequence
248 <400> SEQUENCE: 10
250 Pro Lys Lys Lys Arg Lys Val
251 1 5
253 <210> SEQ ID NO: 11
255 <211> LENGTH: 6
257 <212> TYPE: PRT
C--> 259 <213> ORGANISM: Artificial
263 <220> FEATURE:
265 <223> OTHER INFORMATION: signal sequence
267 <400> SEQUENCE: 11
269 Ala Arg Arg Arg Arg Pro
270 1 5
272 <210> SEQ ID NO: 12
274 <211> LENGTH: 10
276 <212> TYPE: PRT
C--> 278 <213> ORGANISM: Artificial
282 <220> FEATURE:
284 <223> OTHER INFORMATION: signal sequence
286 <400> SEQUENCE: 12
288 Glu Glu Val Gln Arg Lys Arg Gln Lys Leu
289 1 5 10
291 <210> SEQ ID NO: 13
293 <211> LENGTH: 9
295 <212> TYPE: PRT
C--> 297 <213> ORGANISM: Artificial
301 <220> FEATURE
303 <223> OTHER INFORMATION: signal sequence
305 <400> SEQUENCE: 13
307 Glu Glu Lys Arg Lys Arg Thr Tyr Glu
308 1 5
310 <210> SEQ ID NO: 14
312 <211> LENGTH: 20
314 <212> TYPE: PRT

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Input Set A:\PTO.AMC.txt
Output Set N:\CRF3\02142002\J052942.raw

322 <223> OTHER INFORMATION: signal sequence
324 <400> SEQUENCE: 14
326 Ala Val Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gln Ala Lys Lys
327 1 5 10 15
329 Lys Lys Leu Asp
330 20
332 <210> SEQ ID NO: 15
334 <211> LENGTH: 31
336 <212> TYPE: PRT
C--> 338 <213> ORGANISM: Artificial
342 <220> FEATURE:
344 <223> OTHER INFORMATION: signal sequence
346 <400> SEQUENCE: 15
348 Met Ala Ser Pro Leu Thr Arg Phe Leu Ser Leu Asn Leu Leu Leu Leu
349 1 5 10 15
351 Gly Glu Ser Ile Leu Gly Ser Gly Glu Ala Lys Pro Gln Ala Pro
352 20 25 30
354 <210> SEQ ID NO: 16
356 <211> LENGTH: 21
358 <212> TYPE: PRT
C--> 360 <213> ORGANISM: Artificial
364 <220> FEATURE:
366 <223> OTHER INFORMATION: signal sequence
368 <400> SEQUENCE: 16
370 Met Ser Ser Phe Gly Tyr Arg Thr Leu Thr Val Ala Leu Phe Thr Leu
371 1 5 10 15
373 Ile Cys Cys Pro Gly
374 20
376 <210> SEQ ID NO: 17
378 <211> LENGTH: 14
380 <212> TYPE: PRT
C--> 382 <213> ORGANISM: Artificial
386 <220> FEATURE:
388 <223> OTHER INFORMATION: myristylation sequence
390 <400> SEQUENCE: 17
392 Met Gly Ser Ser Lys Ser Lys Pro Lys Asp Pro Ser Gln Arg
393 1 5 10
395 <210> SEQ ID NO: 18
397 <211> LENGTH: 51
399 <212> TYPE: PRT
C--> 401 <213> ORGANISM: Artificial
405 <220> FEATURE:
407 <223> OTHER INFORMATION: transmembrane domain
409 <400> SEQUENCE: 18
411 Pro Gln Arg Pro Glu Asp Cys Arg Pro Arg Gly Ser Val Lys Gly Thr
412 1 5 10
414 [illegible]

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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\J052942.raw

418 35 40 45
420 His Ser Arg
421 50
423 <210> SEQ ID NO: 19
425 <211> LENGTH: 33
427 <212> TYPE: PRT
C--> 429 <213> ORGANISM: Artificial
433 <220> FEATURE:
435 <223> OTHER INFORMATION: transmembrane domain
437 <400> SEQUENCE: 19
439 Met Val Ile Ile Val Thr Val Val Ser Val Leu Leu Ser Leu Phe Val
440 1 5 10 15
442 Thr Ser Val Leu Leu Cys Phe Ile Phe Gly Gln His Leu Arg Gln Gln
443 20 25 30
445 Arg
448 <210> SEQ ID NO: 20
450 <211> LENGTH: 37
452 <212> TYPE: PRT
C--> 454 <213> ORGANISM: Artificial
458 <220> FEATURE:
460 <223> OTHER INFORMATION: anchor sequence
462 <400> SEQUENCE: 20
464 Pro Asn Lys Gly Ser Gly Thr Thr Ser Gly Thr Thr Arg Leu Leu Ser
465 1 5 10 15
467 Gly His Thr Cys Phe Thr Leu Thr Gly Leu Leu Gly Thr Leu Val Thr
468 20 25 30
470 Met Gly Leu Leu Thr
471 35
473 <210> SEQ ID NO: 21
475 <211> LENGTH: 26
477 <212> TYPE: PRT
C--> 479 <213> ORGANISM: Artificial
483 <220> FEATURE:
485 <223> OTHER INFORMATION: palmitoylation sequence
487 <400> SEQUENCE: 21
489 Leu Leu Gln Arg Leu Phe Ser Arg Gln Asp Cys Cys Gly Asn Cys Ser
490 1 5 10 15
492 Asp Ser Glu Gln Glu Leu Pro Thr Arg Leu
493 20 25
495 <210> SEQ ID NO: 22
497 <211> LENGTH: 20
499 <212> TYPE: PRT
C--> 501 <213> ORGANISM: Artificial
505 <220> FEATURE:
507 <223> OTHER INFORMATION: palmitoylation sequence
509 <400> SEQUENCE: 22
511 Lys Gln Phe Asn

VERIFICATION SUMMARY
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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\J052942.raw

L:20 M:270 C: Current Application Number differs, Replaced Application Number
L:61 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:82 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:101 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:120 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:139 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:158 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:177 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:199 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:218 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:240 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:259 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:278 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:297 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:316 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:338 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:360 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:382 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:401 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:429 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:454 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:479 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:501 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:523 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:545 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:564 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:589 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:614 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:636 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28
L:658 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:686 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:711 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:730 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:749 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:771 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:790 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35
L:809 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36
L:833 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37
L:853 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38
L:875 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
L:897 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40
L:919 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41
L:938 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42
L:957 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43
L:976 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44
L:995 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45
L:1014 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46

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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\J052942.raw

L:1052 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48
L:1071 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49
L:1090 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50
L:1199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54